

ENGINEERING CHANGE NOTICE
DART AEROSPACE LTD

Date: 12.10.16	Job No.: RD3408	ADR Yes/No: N	ADR Date: / /	ECN #: 12- 669
Product No.: D412-758		Created By: DC	Approved By: <i>DC</i>	
Product Name: GPS Receiver and Gimbal Mount		Checked By: <i>DC</i>		

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
Director of Operations	Y	IE	
Production Manager / Coord.	Y	LL/MF	
Purchasing Coord.	Y	CL	
Production Engineering Coord.	Y	DD	
Production Engineering Coord.	Y	JLM	
Customer Order Processing	N	RM	

Distribution	Reqd	Resp	Initial / Date (YY/MM/DD)
DQA / QA Coord.	Y	PS	
QC Coordinator	Y	ED	
Customer Support	Y	SW/LM	
Customer Technical Support	Y	MB/DS	
Marketing	Y	HM	

Reason for Change:

Minor changes to hardware; ref PAR10-47.

Documents Affected:

D3531 Rev. B
IIN-D412-758 Rev. D
ICA-D412-758 Rev. 4

PAPERWORK UPDATE

PARTS MUST COMPLY

PREVIOUS PARTS SATISFACTORY

#	Quality Assurance Actions	Reqd	Resp	Notes	Complete
1	Notify Previous Customers	N			
2	Notify Eurocopter France	N			
3					

#	Engineering Actions	Reqd	Resp	Notes	Complete
4	Required Documents/Drawings Under Review	N			
5	Update Master Document List (MDL)	Y	DC	Updated to MDL-D412-758 Rev. F	<i>for DC 12.10.23</i>
6	Update Product Compatability Matrix	N			
7	Create Eurocopter Form (FEE)	N			
8	Notify TC / FAA of Change	N			
9					

#	Document Control Actions	Reqd	Resp	Notes	Complete
10	Move Electronic Files/Design Journal	Y	KJ		<i>12.10.24</i>
11	Update Product Specification Files	Y	KJ		<i>12.10.24</i>
12	Update Approved/Preliminary Dwg PDF Files	Y	KJ		<i>12.10.23</i>
13	Update Document Record (DR)	N			
14	Update Product Development Summary	N			
15	Update QSI 021 and/or STC Approval List	N			
16	Create/Update Parts / STC Database	N			
17	Update / Verify ARC Database	N			
18	Create / Update Change Record Form / Item Card Database	Y	KJ	D412-758-011/-013/-015 ALL @ CHG 2	<i>12.10.24</i>
19	Create / Update PPP's	Y	KJ		
20	Red Decals required?	Y	KJ		
21	Update Document Control Database / Laminated Dwgs	N			
22	Update Grey Project / Electronic Binder PDF Files	Y	KJ		<i>12.10.24</i>
23	Update D-Part/M-Drawing/DSI/DEO Master Binders	Y	KJ		<i>12.10.24</i>
24					

Description / Action:

Update BOMS and ROUTES for D3531 & IIN Parts List as required.

Re-work any D3531-041 Bracket Assemblies in stock to conform to D3531 Rev. B.

Update any D412-758-011/-013/-015 kits in stock with new paperwork. Ensure that kit contains items listed in updated IIN-D412-758 Rev. D Parts List.

*10/24 D412-758-013 - 0 STK / 0 wip
D412-758-015 - 2 STK / 0 wip
#92276 to REWORK*

D3531-041 x 3 in stock

#92275 to REWORK

ECN Verified & Complete: _____ Date: _____

Preventive Action Report

PAR

10-417

Raised by:	D. Shaw	Source:	Initial Fit	Sheet No.	1 of
Issue for	Engineering - drawing			Date:	10-09-22
Dept./Supplier:				Priority:	HIGH LOW
Product/Service:	D412-758-				
Area of Standard:	Section A				
QSI	Description of Issue:				
QSP					
QSPM					
Documents:	ANS251027 Screws are too short. Should be replaced with ANS251029/810 for mounting on centerpost. (REV C3) (C04)				
P/O	The D3531-041 bracket assy has two universal rivets and a hole to accept the Digit Ball mount on the front.				
Invoice					
W/O	Changing the rivets to countersunk would allow the sit of both styles in the same location.				
Batch No.					
TSR	Root Cause:				
Drawing					
SR 10172	Forward to Director, Quality Assurance on completion of Section A				

DQA: Section B: Indicate who is responsible for creating P/A, and a completion date. Section C: Indicate who will verify completion of P/A.

Section B		Responsible for Investigation/P.A:	M. Petsche	To be done by:	10-11-22
Preventive Action					
No	Initial	Action Description	Responsible	Due date	Sign/Date
①	B	Review Screw lengths	M. Petsche	10-11-01	
②	B	Review Rivet spec	M. Petsche	10-11-01	
				Fault Category:	

Section C		Responsible for Verification of PA:			
Verification of P/A		Verification Method	Sign	Date	Forward to DQA on Completion of Verification
No					
QA Purposes only		P/A Closed		Date	